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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	New
				Filing Date	Herewith
				First Named Inventor	Qinghong Yang
				Art Unit	TBD
				Examiner Name	TBD
Sheet	1	of	2	Attorney Docket Number	
2502365-991010					

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>m</i>	/	WO 97/23646	07/03/97	Behringwerke Aktiengesellschaft	_____	
	/	WO 00/20643	10/04/99	Mosaic Technologies	_____	
	/	PCT/US01/29922 (ISR)	10/29/01	FreshGene, Inc.	_____	
	/	PCT/US01/51104 (ISR)	04/15/02	FreshGene, Inc.	_____	
	/	PCT/US01/07858 (ISR)	04/26/01	FreshGene, Inc.	_____	

Examiner Signature	<i>[Signature]</i>	Date Considered	3/20/2006
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				First Named Inventor	Qinghong Yang
				Art Unit	TBD
				Examiner Name	TBD
Sheet	2	of	2	Attorney Docket Number	2502365-991010

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
<i>M</i>	—	D. ZERBIB, et al., "Coordinated Actions of RuvABC in Holliday Junction Processing," J. Mol. Biol., 281, pp. 621-630 (1998)			
	—	D. ADAMS, "Unwinding of Closed Circular DNA by the Escherichia Coli RuvA and RuvB Recombination/Repair Proteins," J. Mol. Biol., pp. 404-417 (1995)			
	—	C. MÉZARD, et al., "Escherichia Coli RuvBL268S: A Mutant RuvB Protein that Exhibits Wild-Type Activities in Vitro But Confers a UV-Sensitive Ruv Phenotype in Vivo," Nucleic Acids Res., Vol. 27, No. 5, pp. 1275-1282 (1999)			
	—	I. PANYUTIN, et al., "The Kinetics of Spontaneous DNA Branch Migration," Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 2021-2025 (1994)			
	—	DAVIES, et al., "Formation of RuvABC-Holliday Junction Complexes in Vitro," Current Biology, Vol. 8, No. 12, pp. 725-727 (1998)			
	—	PANYUTIN, et al., "Formation of a Single Base Mismatch Impedes Spontaneous DNA Branch Migration," J. Mol. Biol., Vol. 230, No. 2, pp. 413-24 (1993)			
	—	SAIKI, et al., "Enzymatic Amplification of β-Globin Genomic Sequences and Restriction Site Analysis For Diagnosis of Sickle Cell Anemia," Science, Vol. 230, No. 4732, pp. 1350-4 (1985)			
<i>✓</i>	—	WHITBY, et al., "Interactions Between RuvA and RuvC at Holliday Junctions: Inhibition of Junction Cleavage and Formation of a RuvA-RuvC-DNA Complex," J. Mol. Biol., Vol. 264, No. 5, pp. 878-90 (1996)			

Examiner Signature	<i>Take on</i>	Date Considered	<i>3/20/2006</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1470, TRADEMARK OFFICE
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

				Application Number	10/672,397
				Filing Date	September 26, 2005
				First Named Inventor	Qinghong Yang
				Art Unit	1634
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	26757-718.301

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-			X	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
u	-	WO 97/23646	07-03-1997	Behringwerke Aktiengesellschaft		
u	-	WO 99/36574	07-22-1999	Mayo Foundation for Medical Education and Research		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
u	-	BHATTACHARYYA, A., et al. 1991. Model for the Interaction of DNA Junctions and Resolving Enzymes. Journal of Molecular Biology London GB 221 (4): 1191-1207.	/
	-	BOLT, E., et al. 1999. Identification of Three Aspartic Acid Residues Essential for Catalysis by the RusA Holliday Junction Resolvases. Journal of Molecular Biology London GB 286 (2): 403-415.	/
	-	DAVIES, ADELINA A., et al. 1998. Formation of RuvABC-Holliday junction complexes <i>in vitro</i> . Current Biology 8 (12): 725-727.	/
	-	FRAPPIER, L., et al. 1989. Characterization of the Binding Specificity of Two Anticircular DNA Monoclonal Antibodies. Journal of Biological Chemistry 264 (1): 334-34.	/
✓	-	ICHIYANAGI, KENJI, et al. 1998. Mutational analysis on structure-function relationship of a Holliday junction specific endonuclease RuvC. Genes to Cells 3 (9): 575-586.	/

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>2/20/06</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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